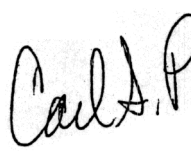


J.S. Martin

Montana Department of Transportation
Helena, Montana 59620-1001

Memorandum

To: Distribution

From: Carl S. Peil, P.E.
Preconstruction Engineer 

Date: November 18, 2002

Subject: Placing Soils Information on Road Plans

Currently, the district soils information is being placed on the plan and profile sheets for use in the Alignment & Grade and Plan-in-Hand reviews. Soils information obtained after the Alignment & Grade review (e.g. Geotechnical cores in deep cuts) is not added to the plans. The soils information is being turned off before the plans are submitted to Contract Plans.

The Construction Bureau has determined that it is beneficial to have the soils information on the plans to be let to contract. It has also been determined that showing any additional soils information on the plans, including the borings provided by the Geotechnical Section, is also beneficial. The Geotechnical Section will convert their core log information to the AASHTO Soils Classification format so that it will be consistent with the soils information provided by the District Materials labs.

Consequently, we have made the decision to show all soils information on the plans and leave it on the plans when they are submitted to the Contract Plans Section.

Show the soils information in the format shown on the attached sample plan and profile sheet. The core hole location will be shown in the plan view. The soils information will be shown in the profile view along with the station and centerline offset of the core hole

Since the soils information on the plans is only a synopsis of what is acquired during the soils surveys, the following note will be added to the plans:

"The soils information shown on the plan and profile sheets is a brief summary of the soils classes. To obtain the complete soils information contact John Moran of the MDT Geotechnical Section at (406) 444-6280."

For bridge foundations we have typically included more detailed information from the Geotechnical Section's subsurface investigations in the special provisions. In addition to showing the soils information on the plans, we will also begin including the Geotechnical Section's roadway and culvert foundation information on the plans and in the special provisions. Since this information is also not complete, a special provision noting that complete soils information can be obtained from the MDT will be included in

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the proposal. Legal Services is preparing this special provision and we will distribute it when received.

Begin showing all soils information including the information provided by the Geotechnical Section on the plan and profile sheets and leaving the appropriate level on when the project is submitted to the Contract Plans Section for projects with a January ready date.

If you have any questions, please contact me at 444-6242 or Paul Ferry at 444-6244.

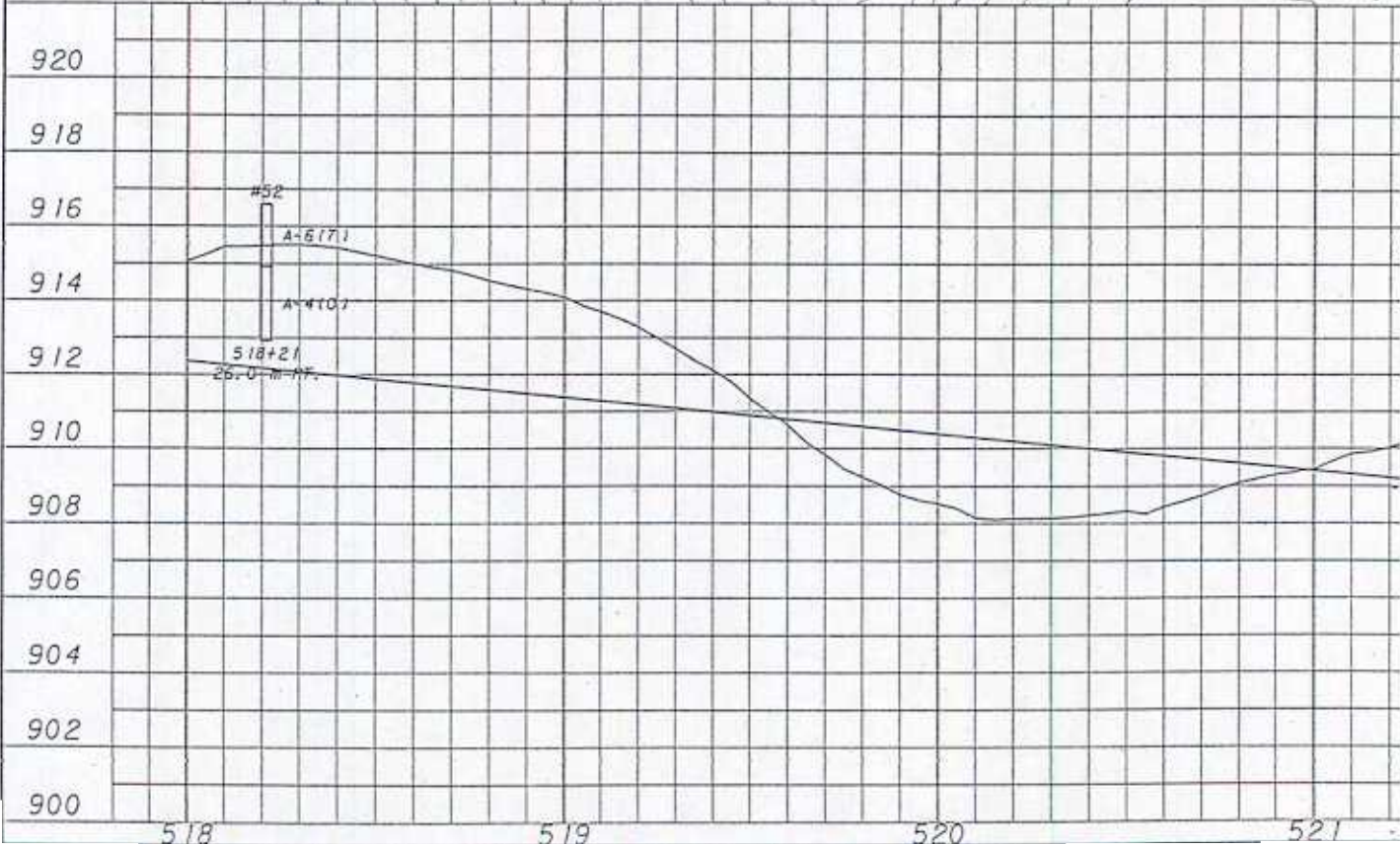
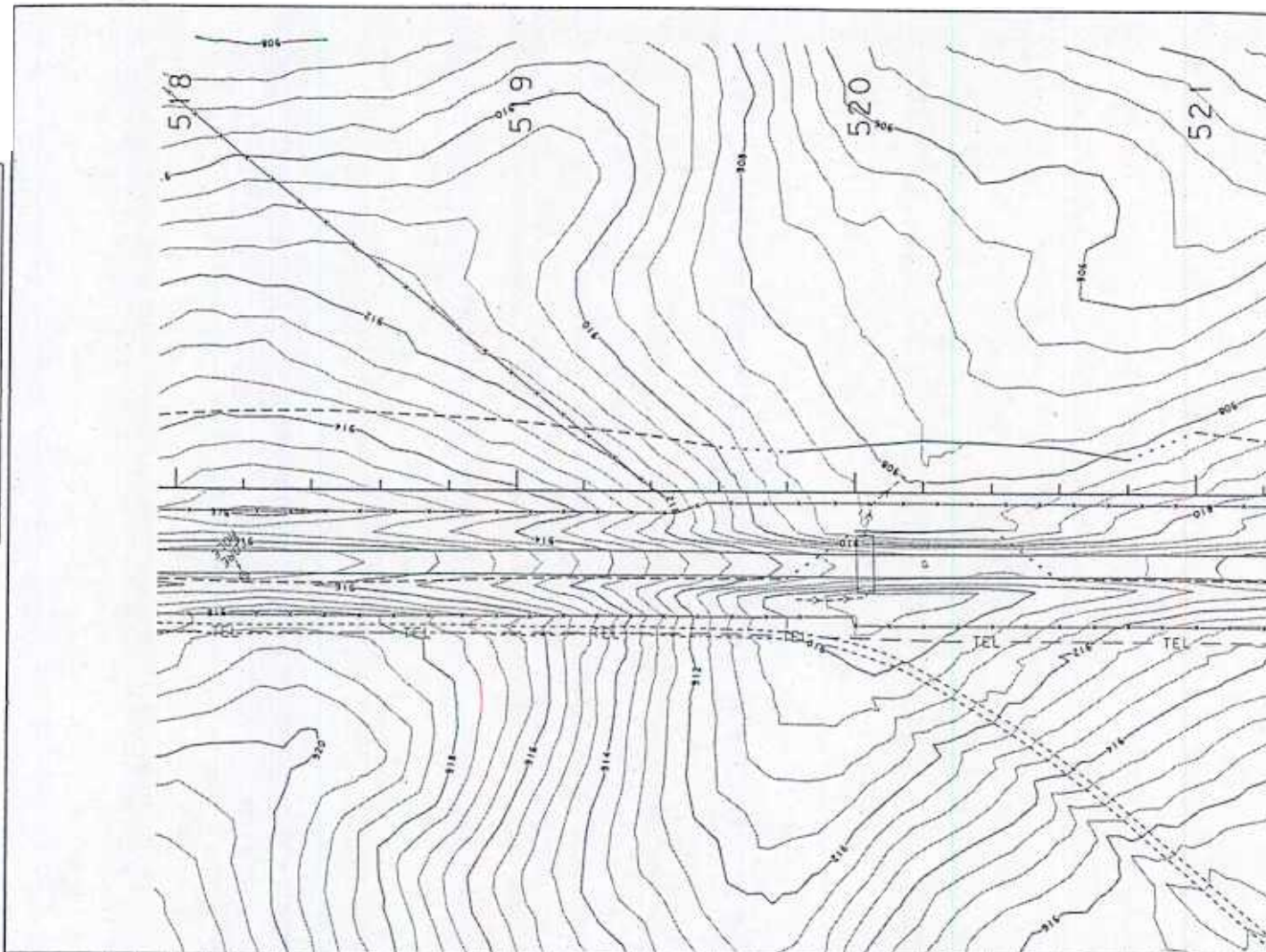
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Attachment

Distribution w/attachment:

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STATE	PROJECT NUMBER	SHEET NO.
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